

W73 Rec'd PCT/PTO D 3 APR 2008

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER JW-05QUS
INTERNATIONAL APPLICATION NO. PCT/JP2004/014469	INTERNATIONAL FILING DATE 1 October 2004	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 16177417 NEW APPLICATION
TITLE OF INVENTION FUEL CELL SYSYEM AND FUEL CELL AUTOMOTIVE VEHICLE		
APPLICANT(S) FOR DO/EO/US Yoshio KUSANO et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<p>Items 11 to 20 below concern document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p>		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.57) 10274417	INTERNATIONAL APPLICATION NO. PCT/JP2004/014469	ATTORNEY'S DOCKET NUMBER IIW-050US
20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard; ; copy of Published International Application with International Search Report (WO 2005/034272 A1);		
The following fees have been submitted		
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... \$300		
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations \$200		
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500		
TOTAL OF 21, 22 and 23 = \$ 1,000.00		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)
29 - 100 =	/50 =	x \$250.00
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		
CLAIMS	NUMBER FILED	NUMBER EXTRA
Total claims	12 - 20 =	x 0.00
Independent claims	3 - 3 =	x 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		
TOTAL OF ABOVE CALCULATIONS = \$ 1,000.00		
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.		
SUBTOTAL = \$ 1,000.00		
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		
TOTAL NATIONAL FEE = \$ 1,000.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$ 40.00		
\$		
TOTAL FEES ENCLOSED = \$ 1,040.00		
Amount to be refunded: \$		
Amount to be charged \$		

10/574417

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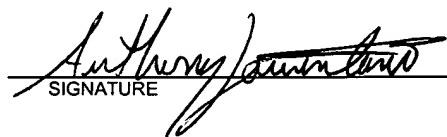
JAP20 Rec'd PCT/PTO 03 APR 2006

- a. A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. Please charge my Deposit Account No. 12-0080 in the amount of \$ 1,040.00 to cover the above fees. A duplicate copy of this sheet is enclosed.
- c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.
- d. Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Anthony A. Laurentano
LAHIVE & COCKFIELD, LLP
28 State Street
Boston, Massachusetts 02109
(617) 227-7400


SIGNATURE

Anthony A. Laurentano

NAME

CUSTOMER NUMBER: 00959

38,220

REGISTRATION NUMBER

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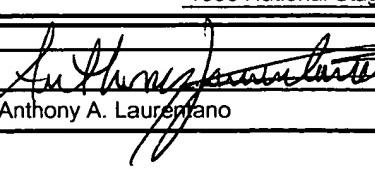
PTO/SB/17 (12-04v2)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL For FY 2005		Complete if Known	
		Application Number	NEW APPLICATION <u>1117</u>
		Filing Date	<u>04/03/2006</u>
		First Named Inventor	Yoshio KUSANO
		Examiner Name	Not Yet Assigned
		Art Unit	N/A
TOTAL AMOUNT OF PAYMENT	(\$) 1,040.00	Attorney Docket No.	IIW-050US

METHOD OF PAYMENT (check all that apply)													
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____													
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>12-0080</u> Deposit Account Name: <u>Lahive & Cockfield, LLP</u>													
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)													
<input type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee													
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Credit any overpayments													
FEE CALCULATION													
1. BASIC FILING, SEARCH, AND EXAMINATION FEES													
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES								
	Fee (\$)	Small Entity	Fee (\$)	Small Entity	Fee (\$)								
Utility	300	150	500	250	200								
Design	200	100	100	50	130								
Plant	200	100	300	150	160								
Reissue	300	150	500	250	600								
Provisional	200	100	0	0	0								
2. EXCESS CLAIM FEES													
Fee Description <table style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;"></th> <th style="width: 50%; text-align: right;">Small Entity</th> </tr> <tr> <td>Each claim over 20 (including Reissues)</td> <td style="text-align: right;">50 25</td> </tr> <tr> <td>Each independent claim over 3 (including Reissues)</td> <td style="text-align: right;">200 100</td> </tr> <tr> <td>Multiple dependent claims</td> <td style="text-align: right;">360 180</td> </tr> </table>							Small Entity	Each claim over 20 (including Reissues)	50 25	Each independent claim over 3 (including Reissues)	200 100	Multiple dependent claims	360 180
	Small Entity												
Each claim over 20 (including Reissues)	50 25												
Each independent claim over 3 (including Reissues)	200 100												
Multiple dependent claims	360 180												
Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims													
<hr/> <u>- 20 =</u> <u>x</u> <u>=</u> <u>Fee (\$)</u> <u>Fee Paid (\$)</u>													
<hr/> Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)													
<hr/> <u>- 3 =</u> <u>x</u> <u>=</u> <u>Fee (\$)</u> <u>Fee Paid (\$)</u>													
3. APPLICATION SIZE FEE													
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).													
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof		Fee (\$)	Fee Paid (\$)								
<hr/> <u>- 100 =</u> <u>/50</u> <u>(round up to a whole number)</u>				<u>x</u> <u>=</u>	<u>Fee Paid (\$)</u>								
4. OTHER FEE(S)													
Non-English Specification, \$130 fee (no small entity discount)													
Other (e.g., late filing surcharge): 8021 National Stage recording each patent assignment, ... <u>40.00</u>													
1631 Basic National Stage fee <u>300.00</u>													
1632 National Stage Search Fee - all other situations <u>500.00</u>													
1633 National Stage Examination Fee - all other ... <u>200.00</u>													
SUBMITTED BY													
Signature				Registration No. (Attorney/Agent)	38,220								
Name (Print/Type)	Anthony A. Laurentano			Date	April 3, 2006								